a. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04B10/17 H04B10/1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of	the relevant passages	Relevant to claim No.
X	EP 0 669 730 A (FUJITSU LTD) 30 August 1995 (1995-08-30) column 7, line 25 -column 9, figures 6,7	1-36	
X	EP 0 917 313 A (HITACHI LTD) 19 May 1999 (1999-05-19) column 7 -column 8; figures 3 column 36, line 28 -column 37	1-36	
A	DE 100 10 237 A (SIEMENS AG) 13 September 2001 (2001-09-13 the whole document	1–36	
A	US 2001/003486 A1 (MIKAMI SAT 14 June 2001 (2001-06-14) abstract; figures 1,2,4,5	1-36	
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X Fur	ther documents are listed in the continuation of box C.	Patent family members are listed	in annex.
"A" docum consi "E" earlier filing "L" docum which citati	nent which may throw doubts on priority claim(s) or h is cited to establish the publication date of another on or other special reason (as specified)	"T" later document published after the Into or priority date and not in conflict with cited to understand the principle or the invention. "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the divide document of particular relevance; the cannot be considered to involve an inventive step when the divided in the cannot be considered to involve an inventive step.	the application out learly underlying the claimed invention of be considered to ocument is taken alone claimed invention nyentive step when the
"O" docur	nent referring to an oral disclosure, use, exhibition or r means nent published prior to the international filing date but	document is combined with one or ments, such combination being obvid in the art.	ous to a person skilled

"&" document member of the same patent family

27/08/2002

Shaalan, M

Authorized officer

Date of mailing of the international search report

Form PCT/ISA/210 (second sheet) (July 1992)

Name and mailing address of the ISA

document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

19 August 2002

PCT/EP 01/15330

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